HOBBS OCD

ATS-12-1118

Form 3160-3
(March 2012) FEB 13 2013

RECEIVED

OCD Hobbs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

5. Lease Serial No.
NM-18848

6. If Indian, Allotee or Tribe Name

7. If Unit or CA Agreement, Name and No.

1a. Type of work: ☑ DRILL ☐ REENTER

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
SDE 19 FED 6H <300728>

2. Name of Operator XTO ENERGY, INC. <53804>

9. API Well No.
30-025-40993

3a. Address 200 N. LORAINE, SUITE 800
MIDLAND, TX. 79701

3b. Phone No. *(include area code)*
432-620-4323 (CHIP AMROCK)

10. Field and Pool, or Exploratory Sand Dunes
~~TRISTE DRAW; DELAWARE, WEST~~ 53565

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface 350 FNL & 400 FWL
At proposed prod. zone 350 FSL & 660 FWL

11. Sec., T. R. M. or Blk. and Survey or Area <53805>
SECTION 19, T. 23 S., R. 32 E.

14. Distance in miles and direction from nearest town or post office*
21 MILES NORTHEAST OF MALAGA, NM

12. County or Parish
LEA

13. State
NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
400' (SHL) 350' (BHL)	1954.13	~~160~~ 185.08
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	**19. Proposed Depth**	**20. BLM/BIA Bond No. on file**
700' (SHL) 1650' (BHL)	TVD: 8283' MD: 12,622'	UTB000138
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22. Approximate date work will start***	**23. Estimated duration**
3571' GL		30 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
Barry W. Hunt	BARRY W. HUNT	8/17/12

Title
PERMIT AGENT FOR XTO ENERGY, INC.

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
/s/ Don Peterson		FEB 13 2013
Title	**Office**	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

Carlsbad Controlled Water Basin

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Approval Subject to General Requirements
& Special Stipulations Attached

FEB 14 2013

XTO ENERGY, INC.
DRILLING PLAN

SDE 19 Federal 6H
SHL: 350 FNL & 400 FWL
Unit "D" Section 19, T. 23 S., R. 32 E.
BHL: 350 FSL & 660 FWL
Unit "M" Section 19, T. 23 S., R. 32 E.
Lea County, NM

1. The elevation of the unprepared ground is 3571 feet above sea level.

2. The geologic name of the surface formation is Quaternary - Alluvium.

3. A rotary rig will be utilized to drill the well to 12622'MD and run casing. This equipment will then be rigged down and the well will be completed with a workover rig.

4. Proposed total depth is MD: 12,622'/TVD: 8283'.

5. Estimated tops of important geologic markers:

Quaternary – Alluvium	Surface*
Rustler	973'
Top of Salt	1283'
Base of Salt	4338'
Base Castile	4576'
Bell Canyon	4593'
Cherry Canyon	5499'
Brushy Canyon	7201'
Basal Brushy Canyon	8151'
Brushy Canyon E3	8253'
Target Interval	8283'
Brushy Canyon E4	8305'
Brushy Canyon E5	8354
TVD	**8283' (150 degree F)**

*Water at 180 ft.

6. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Bell Canyon	Oil (2021 psi)
Cherry Canyon	Oil (2420 psi)
Brushy Canyon	Oil (3168 psi)
TVD	Oil (3645 psi)

7. CASING PROGRAM:

Hole Size	Depth	OD Csg.	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
17-1/2"	0'– ~~1000'~~ 1020	13-3/8"	48#	STC	H-40	New	3.3	1.41	4.87
12-1/4"	0' – ~~4625'~~ 4550	9-5/8"	40#	LTC	HCL-80	New	2.11	1.56	3.26
8-3/4"	0' – 8900'	7"	26#	LTC	HCP-110	New	2.25	1.76	2.18
6-1/8"	8500' –12,622'	4-1/2"	11.6#	LTC	P-110	New	2.42	1.71	1.98

8. CEMENT PROGRAM: (Note yields and DV tool depths if multiple stages)

i. Surface Cement:

Lead Slurry: Lead with 580 sks ExtendaCem - CZ (13.7 ppg, 1.68 cu ft/sk, 8.72 gal wtr/sk)

Tail Slurry: Tail-in with 340 sks HalCem – C, 2 % Calcium Chloride - Flake (Accelerator) (14.8 ppg, 1.35 cu ft/sk, 6.39 gal wtr/sk)

100% excess. Cement to surface.

ii. Intermediate Cement:

Lead Slurry: Lead with 1255 sks, EconoCem – HLC, 5 % Salt (Salt), 5 lbm/sk Kol-Seal (Lost Circulation Additive) (12.9 ppg, 1.88 ft^3/sk, 9.61 gal wtr/sk)

Tail Slurry: Tail-in with 250 sks, HalCem – C (14.8 ppg, 1.33 cu ft/sk, 6.34 gal wtr/sk)

100% excess. Cement to surface.

iii. Production Cement:

1st stage: Lead Slurry: Lead with 140 sks, CorrosaCem – H,0.4 % CFR-3 (Dispersant), 5 lbm/sk, Kol-Seal (Lost Circulation Additive), 0.25 lbm/sk D-AIR 5000 (Defoamer), 0.1 % H R-800 (Retarder) (14.4 ppg, 1.23 ft^3/sk, 5.09 gal wtr/sk)

Tail Slurry: Tail-in with 255 sks, HalCem – H, 0.5 % LAP-1 (Low Fluid Loss Control), 0.25 % CFR-3 (Dispersant), 5 lbm/sk Kol-Seal (Lost Circulation Additive), 0.25 lbm/sk D-AIR 5000 (Defoamer), 0.1 % HR-800 (Retarder) (15.8 ppg, 1.18 ft^3/sk, 4.8 gal/sx wtr)
1st DV tool - 6650'.

2nd Stage: Lead Slurry: 205 sks EconoCem – H, 0.1 % HR-601 (Retarder) (12.90 ppg, yield: 1.86 ft^3/sk, 9.96 Gal/sk wtr)

Tail Slurry: Tail-in with 100 sks HalCem – H (15.6 ppg, 1.19 ft^3/sk, 5.39 gal/sx wtr)
50% excess. Cement tie back 200 feet inside 9-5/8" casing.

iv. **Liner Cement:**

Halliburton swell packers will be installed on the 4-1/2" casing

9. PRESSURE CONTROL EQUIPMENT:

The blow out preventer equipment (BOP) diagram is attached to this Drilling Plan. The blowout preventer stack for the intermediate and production hole will consist of a double ram blowout preventer and annular preventer rated to 5000 psi working pressure. All BOP's and accessory equipment will be tested according to Onshore Order #2 before drilling out. A hydraulic closing unit will be a part of this equipment and will be function tested daily.

10. PROPOSED MUD CIRCULATION SYSTEM:

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' to 1000' 1026	17-1/2"	FW/Native	8.8 –9.3	35-40	NC
1,000' to 4625' 4550	12-1/4"	Brine/ Gel Sweeps	9.8 – 10.0	30-32	NC
4625' to 8900'	8-3/4"	FW/Polymer Sweeps	8.8 – 9.4	29-32	NC-20
8900'-12,622'	6-1/8"	FW/Polymer Sweeps	8.8-9.4	29-32	NC-20

The necessary mud products for weight addition and fluid loss control will be on location at all times.

Spud with fresh water/native mud. Drill out from under 13-3/8" surface casing with brine solution. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

11. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

i. A kelly cock will be in the drill string at all times.
ii. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
iii. Hydrogen sulfide detection equipment and breathing equipment will be in operation from drilling out the 9-5/8" casing shoe until the 7" casing is cemented.

12. LOGGING, CORING AND TESTING PROGRAM: See COA

A. Potential drill stem tests will be based on geological sample shows.
B. No coring is anticipated.
C. Mudlogger unit will be on and working from 4625' to TD.
D. Open hole logging to include Density/Neutron/PE/Dual Laterlog/Spectral Gamma from TD to intermediate casing, with Neutron/Gamma continuing to surface.

13. ABNORMAL PRESSURES AND TEMPERATURES / POTENTIAL HAZARDS:

No abnormal pressures are anticipated. Max bottom hole pressure should not exceed 3645 psi. BHT of 150° F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. An H2S contingency plan has also been submitted with this application. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. Should any abnormal or hazardous circumstances be encountered personnel on location will take necessary steps to ensure safety of all personnel and environment. BHP=3645. BHT=150 degrees.

14. SPECIAL INSTRUCTIONS:

A. Reports will be filled out on the XTO Drilling Report form, and the Casing/Cementing Detail Forms provided.

B. Deviation:
   Surface Hole: Maximum of 1° and not more than 1° change per 100'.
   Production Hole: Maximum of 4° and not more than 1.5° change per 100'.
   Note: Maximum distance between surveys is 500'.

C. WOC a minimum of 18 hours or before cement gains compressive strength of 500 psi, whichever is greater, before drilling out shoe joint on surface casing string. Use minimal WOB and RPM until drill collars are below the shoe joints. See COA

D. Check BOP blind rams each trip and pipe rams each day. Strap out of hole for logging and/or casing jobs.

E. A trash trailer will be provided on each location. Keep trash picked up and the location as clean as possible. All drilling line, oil filters, etc. should be hauled away at the Drilling Contractor's expense. At the conclusion of drilling operations, the contents of the trash trailer will be disposed of into a commercial sanitary landfill.

XTO ENERGY

Project: Lea County
Site: SDE Federal
Well: #6H
Wellbore: OH
Plan: Plan #1 (#6H/OH)

Azimuths to Grid North
True North: -0.33°
Magnetic North: 7.19°

Magnetic Field
Strength: 48572.7snT
Dip Angle: 60.23°
Date: 7/23/2012
Model: IGRF200510

PATHFINDER®
A Schlumberger Company

PROJECT DETAILS: Lea County
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

WELL DETAILS: #6H

Ground Elevation:: 3571.0
RKB Elevation: KB = 17' @ 3588.0usft (Pioneer 33)
Rig Name: Pioneer 33

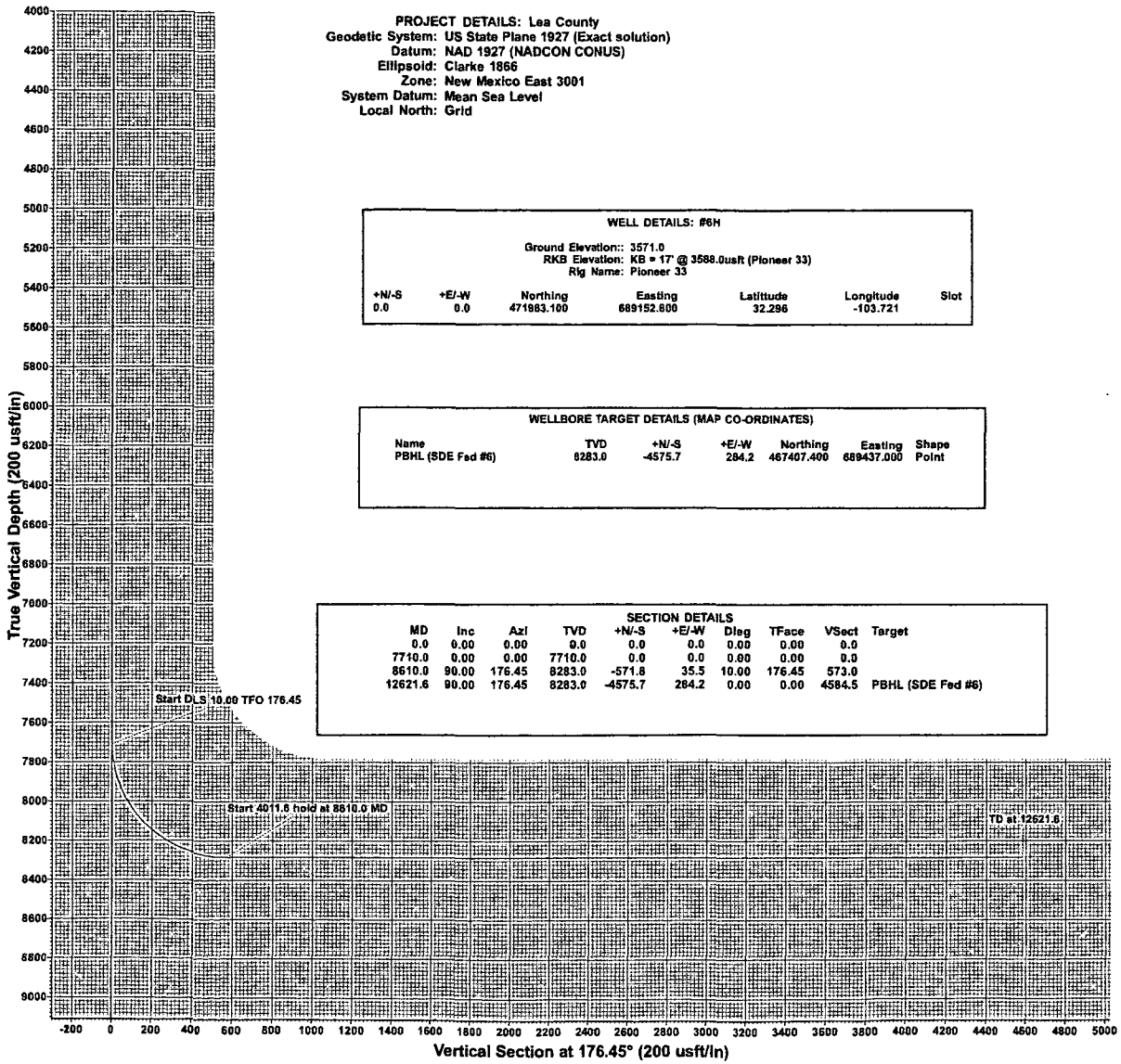
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	471983.100	689152.800	32.296	-103.721	

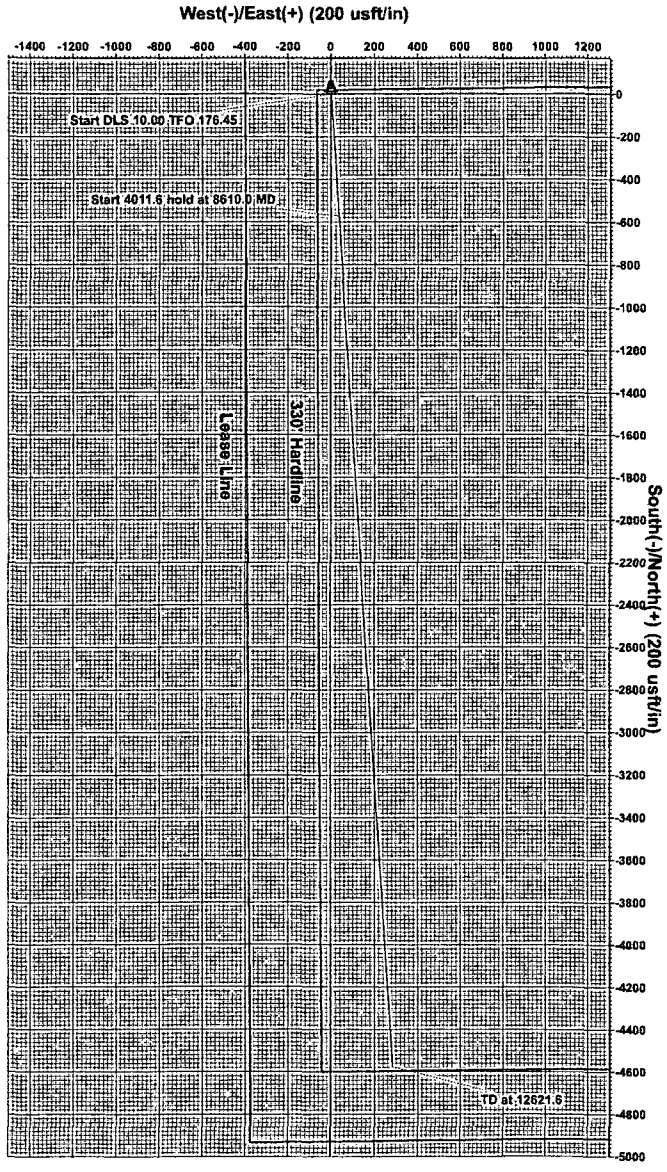
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL (SDE Fed #6)	8283.0	-4575.7	284.2	467407.400	689437.000	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
7710.0	0.00	0.00	7710.0	0.0	0.0	0.00	0.00	0.0	
8610.0	90.00	176.45	8283.0	-571.8	35.5	10.00	176.45	573.0	
12621.6	90.00	176.45	8283.0	-4575.7	284.2	0.00	0.00	4584.5	PBHL (SDE Fed #6)





Plan: Plan #1 (#6H/OH)
Created By: Michael Trout Date: 12:11, July 25 2012
Checked: _____ Date: _____

XTO Energy Co
Lea County
SDE Federal
#6H
Pioneer 33
OH
Plan #1

XTO ENERGY

XTO Energy Co

Lea County
SDE Federal
#6H
OH

Plan: Plan #1

PathfinderX & Y Report

27 July, 2012

PATHFINDER®
A Schlumberger Company

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #6H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Well:	#6H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Project Lea County

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site SDE Federal

Site Position:		**Northing:**	472,685.800 usft	**Latitude:**	32.298
From:	Map	**Easting:**	689,408.900 usft	**Longitude:**	-103.720
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.33 °

Well #6H

Well Position	**+N/-S**	0.0 usft	**Northing:**	471,983.100 usft	**Latitude:**	32.296
	+E/-W	0.0 usft	**Easting:**	689,152.800 usft	**Longitude:**	-103.721
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,571.0 usft

Wellbore OH

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	7/23/2012	7.52	60.23	48,573

Design Plan #1

Audit Notes:

Version:	**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.0	0.0	0.0	176.45

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #6H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Well:	#6H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Survey Tool Program **Date** 7/23/2012

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	7,710.0	Plan #1 (OH)	Gyro	GYRO
7,710.0	12,621.6	Plan #1 (OH)	MWD	MWD - Standard

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.0	0.00	0.00	0.0	-3,588.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
100.0	0.00	0.00	100.0	-3,488.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
200.0	0.00	0.00	200.0	-3,388.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
300.0	0.00	0.00	300.0	-3,288.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
400.0	0.00	0.00	400.0	-3,188.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
500.0	0.00	0.00	500.0	-3,088.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
600.0	0.00	0.00	600.0	-2,988.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
700.0	0.00	0.00	700.0	-2,888.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
800.0	0.00	0.00	800.0	-2,788.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
900.0	0.00	0.00	900.0	-2,688.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,000.0	0.00	0.00	1,000.0	-2,588.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,100.0	0.00	0.00	1,100.0	-2,488.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,200.0	0.00	0.00	1,200.0	-2,388.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,300.0	0.00	0.00	1,300.0	-2,288.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,400.0	0.00	0.00	1,400.0	-2,188.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,500.0	0.00	0.00	1,500.0	-2,088.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,600.0	0.00	0.00	1,600.0	-1,988.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,700.0	0.00	0.00	1,700.0	-1,888.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,800.0	0.00	0.00	1,800.0	-1,788.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
1,900.0	0.00	0.00	1,900.0	-1,688.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,000.0	0.00	0.00	2,000.0	-1,588.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #6H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Well:	#6H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
2,100.0	0.00	0.00	2,100.0	-1,488.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,200.0	0.00	0.00	2,200.0	-1,388.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,300.0	0.00	0.00	2,300.0	-1,288.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,400.0	0.00	0.00	2,400.0	-1,188.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,500.0	0.00	0.00	2,500.0	-1,088.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,600.0	0.00	0.00	2,600.0	-988.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,700.0	0.00	0.00	2,700.0	-888.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,800.0	0.00	0.00	2,800.0	-788.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
2,900.0	0.00	0.00	2,900.0	-688.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,000.0	0.00	0.00	3,000.0	-588.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,100.0	0.00	0.00	3,100.0	-488.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,200.0	0.00	0.00	3,200.0	-388.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,300.0	0.00	0.00	3,300.0	-288.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,400.0	0.00	0.00	3,400.0	-188.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,500.0	0.00	0.00	3,500.0	-88.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,600.0	0.00	0.00	3,600.0	12.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,700.0	0.00	0.00	3,700.0	112.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,800.0	0.00	0.00	3,800.0	212.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
3,900.0	0.00	0.00	3,900.0	312.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,000.0	0.00	0.00	4,000.0	412.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,100.0	0.00	0.00	4,100.0	512.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,200.0	0.00	0.00	4,200.0	612.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,300.0	0.00	0.00	4,300.0	712.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,400.0	0.00	0.00	4,400.0	812.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,500.0	0.00	0.00	4,500.0	912.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,600.0	0.00	0.00	4,600.0	1,012.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,700.0	0.00	0.00	4,700.0	1,112.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #6H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Well:	#6H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
4,800.0	0.00	0.00	4,800.0	1,212.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
4,900.0	0.00	0.00	4,900.0	1,312.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,000.0	0.00	0.00	5,000.0	1,412.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,100.0	0.00	0.00	5,100.0	1,512.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,200.0	0.00	0.00	5,200.0	1,612.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,300.0	0.00	0.00	5,300.0	1,712.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,400.0	0.00	0.00	5,400.0	1,812.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,500.0	0.00	0.00	5,500.0	1,912.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,600.0	0.00	0.00	5,600.0	2,012.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,700.0	0.00	0.00	5,700.0	2,112.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,800.0	0.00	0.00	5,800.0	2,212.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
5,900.0	0.00	0.00	5,900.0	2,312.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,000.0	0.00	0.00	6,000.0	2,412.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,100.0	0.00	0.00	6,100.0	2,512.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,200.0	0.00	0.00	6,200.0	2,612.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,300.0	0.00	0.00	6,300.0	2,712.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,400.0	0.00	0.00	6,400.0	2,812.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,500.0	0.00	0.00	6,500.0	2,912.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,600.0	0.00	0.00	6,600.0	3,012.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,700.0	0.00	0.00	6,700.0	3,112.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,800.0	0.00	0.00	6,800.0	3,212.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
6,900.0	0.00	0.00	6,900.0	3,312.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
7,000.0	0.00	0.00	7,000.0	3,412.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
7,100.0	0.00	0.00	7,100.0	3,512.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
7,200.0	0.00	0.00	7,200.0	3,612.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
7,300.0	0.00	0.00	7,300.0	3,712.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
7,400.0	0.00	0.00	7,400.0	3,812.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #6H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Well:	#6H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
7,500.0	0.00	0.00	7,500.0	3,912.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
7,600.0	0.00	0.00	7,600.0	4,012.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
7,710.0	0.00	0.00	7,710.0	4,122.0	0.0	0.0	0.0	0.00	471,983.10	689,152.80
7,750.0	4.00	176.45	7,750.0	4,162.0	-1.4	0.1	1.4	10.00	471,981.71	689,152.89
7,800.0	9.00	176.45	7,799.6	4,211.6	-7.0	0.4	7.1	10.00	471,976.06	689,153.24
7,850.0	14.00	176.45	7,848.6	4,260.6	-17.0	1.1	17.0	10.00	471,966.11	689,153.86
7,900.0	19.00	176.45	7,896.5	4,308.5	-31.2	1.9	31.2	10.00	471,951.94	689,154.74
7,950.0	24.00	176.45	7,943.0	4,355.0	-49.4	3.1	49.5	10.00	471,933.66	689,155.87
8,000.0	29.00	176.45	7,987.8	4,399.8	-71.7	4.5	71.8	10.00	471,911.40	689,157.25
8,050.0	34.00	176.45	8,030.4	4,442.4	-97.8	6.1	98.0	10.00	471,885.33	689,158.87
8,100.0	39.00	176.45	8,070.6	4,482.6	-127.4	7.9	127.7	10.00	471,855.66	689,160.72
8,150.0	44.00	176.45	8,108.0	4,520.0	-160.5	10.0	160.8	10.00	471,822.60	689,162.77
8,200.0	49.00	176.45	8,142.4	4,554.4	-196.7	12.2	197.1	10.00	471,786.42	689,165.02
8,250.0	54.00	176.45	8,173.5	4,585.5	-235.7	14.6	236.2	10.00	471,747.37	689,167.44
8,300.0	59.00	176.45	8,201.1	4,613.1	-277.3	17.2	277.9	10.00	471,705.77	689,170.03
8,350.0	64.00	176.45	8,225.0	4,637.0	-321.2	19.9	321.8	10.00	471,661.93	689,172.75
8,400.0	69.00	176.45	8,244.9	4,656.9	-366.9	22.8	367.6	10.00	471,616.18	689,175.59
8,450.0	74.00	176.45	8,260.8	4,672.8	-414.2	25.7	415.0	10.00	471,568.87	689,178.53
8,500.0	79.00	176.45	8,272.4	4,684.4	-462.7	28.7	463.6	10.00	471,520.36	689,181.54
8,550.0	84.00	176.45	8,279.8	4,691.8	-512.1	31.8	513.1	10.00	471,471.02	689,184.61
8,600.0	89.00	176.45	8,282.9	4,694.9	-561.9	34.9	563.0	10.00	471,421.22	689,187.70
8,610.0	90.00	176.45	8,283.0	4,695.0	-571.8	35.5	573.0	10.00	471,411.25	689,188.32
8,700.0	90.00	176.45	8,283.0	4,695.0	-661.7	41.1	663.0	0.00	471,321.42	689,193.90
8,800.0	90.00	176.45	8,283.0	4,695.0	-761.5	47.3	763.0	0.00	471,221.61	689,200.10
8,900.0	90.00	176.45	8,283.0	4,695.0	-861.3	53.5	863.0	0.00	471,121.80	689,206.30
9,000.0	90.00	176.45	8,283.0	4,695.0	-961.1	59.7	963.0	0.00	471,021.99	689,212.49
9,100.0	90.00	176.45	8,283.0	4,695.0	-1,060.9	65.9	1,063.0	0.00	470,922.19	689,218.69

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #6H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Well:	#6H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
9,200.0	90.00	176.45	8,283.0	4,695.0	-1,160.7	72.1	1,163.0	0.00	470,822.38	689,224.89
9,300.0	90.00	176.45	8,283.0	4,695.0	-1,260.5	78.3	1,263.0	0.00	470,722.57	689,231.09
9,400.0	90.00	176.45	8,283.0	4,695.0	-1,360.3	84.5	1,363.0	0.00	470,622.76	689,237.29
9,500.0	90.00	176.45	8,283.0	4,695.0	-1,460.1	90.7	1,463.0	0.00	470,522.96	689,243.49
9,600.0	90.00	176.45	8,283.0	4,695.0	-1,560.0	96.9	1,563.0	0.00	470,423.15	689,249.69
9,700.0	90.00	176.45	8,283.0	4,695.0	-1,659.8	103.1	1,663.0	0.00	470,323.34	689,255.89
9,800.0	90.00	176.45	8,283.0	4,695.0	-1,759.6	109.3	1,763.0	0.00	470,223.53	689,262.09
9,900.0	90.00	176.45	8,283.0	4,695.0	-1,859.4	115.5	1,863.0	0.00	470,123.73	689,268.29
10,000.0	90.00	176.45	8,283.0	4,695.0	-1,959.2	121.7	1,963.0	0.00	470,023.92	689,274.49
10,100.0	90.00	176.45	8,283.0	4,695.0	-2,059.0	127.9	2,063.0	0.00	469,924.11	689,280.69
10,200.0	90.00	176.45	8,283.0	4,695.0	-2,158.8	134.1	2,163.0	0.00	469,824.30	689,286.88
10,300.0	90.00	176.45	8,283.0	4,695.0	-2,258.6	140.3	2,263.0	0.00	469,724.49	689,293.08
10,400.0	90.00	176.45	8,283.0	4,695.0	-2,358.4	146.5	2,363.0	0.00	469,624.69	689,299.28
10,500.0	90.00	176.45	8,283.0	4,695.0	-2,458.2	152.7	2,463.0	0.00	469,524.88	689,305.48
10,600.0	90.00	176.45	8,283.0	4,695.0	-2,558.0	158.9	2,563.0	0.00	469,425.07	689,311.68
10,700.0	90.00	176.45	8,283.0	4,695.0	-2,657.8	165.1	2,663.0	0.00	469,325.26	689,317.88
10,800.0	90.00	176.45	8,283.0	4,695.0	-2,757.6	171.3	2,763.0	0.00	469,225.46	689,324.08
10,900.0	90.00	176.45	8,283.0	4,695.0	-2,857.5	177.5	2,863.0	0.00	469,125.65	689,330.28
11,000.0	90.00	176.45	8,283.0	4,695.0	-2,957.3	183.7	2,963.0	0.00	469,025.84	689,336.48
11,100.0	90.00	176.45	8,283.0	4,695.0	-3,057.1	189.9	3,063.0	0.00	468,926.03	689,342.68
11,200.0	90.00	176.45	8,283.0	4,695.0	-3,156.9	196.1	3,163.0	0.00	468,826.23	689,348.88
11,300.0	90.00	176.45	8,283.0	4,695.0	-3,256.7	202.3	3,263.0	0.00	468,726.42	689,355.07
11,400.0	90.00	176.45	8,283.0	4,695.0	-3,356.5	208.5	3,363.0	0.00	468,626.61	689,361.27
11,500.0	90.00	176.45	8,283.0	4,695.0	-3,456.3	214.7	3,463.0	0.00	468,526.80	689,367.47
11,600.0	90.00	176.45	8,283.0	4,695.0	-3,556.1	220.9	3,563.0	0.00	468,426.99	689,373.67
11,700.0	90.00	176.45	8,283.0	4,695.0	-3,655.9	227.1	3,663.0	0.00	468,327.19	689,379.87
11,800.0	90.00	176.45	8,283.0	4,695.0	-3,755.7	233.3	3,763.0	0.00	468,227.38	689,386.07

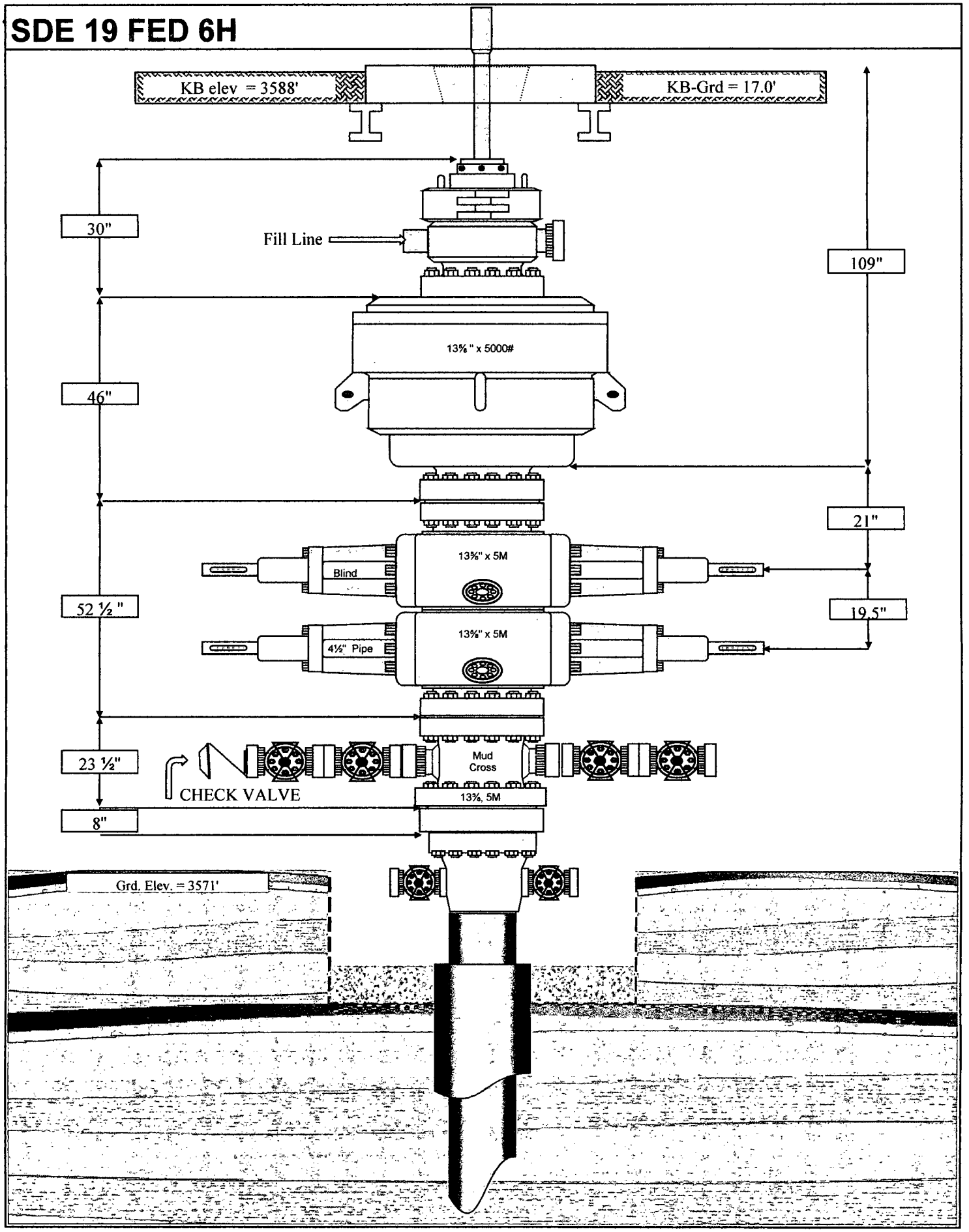
Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #6H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3588.0usft (Pioneer 33)
Well:	#6H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
11,900.0	90.00	176.45	8,283.0	4,695.0	-3,855.5	239.5	3,863.0	0.00	468,127.57	689,392.27
12,000.0	90.00	176.45	8,283.0	4,695.0	-3,955.3	245.7	3,963.0	0.00	468,027.76	689,398.47
12,100.0	90.00	176.45	8,283.0	4,695.0	-4,055.1	251.9	4,063.0	0.00	467,927.96	689,404.67
12,200.0	90.00	176.45	8,283.0	4,695.0	-4,155.0	258.1	4,163.0	0.00	467,828.15	689,410.87
12,300.0	90.00	176.45	8,283.0	4,695.0	-4,254.8	264.3	4,263.0	0.00	467,728.34	689,417.07
12,400.0	90.00	176.45	8,283.0	4,695.0	-4,354.6	270.5	4,363.0	0.00	467,628.53	689,423.27
12,500.0	90.00	176.45	8,283.0	4,695.0	-4,454.4	276.7	4,463.0	0.00	467,528.73	689,429.46
12,600.0	90.00	176.45	8,283.0	4,695.0	-4,554.2	282.9	4,563.0	0.00	467,428.92	689,435.66
12,621.6	90.00	176.45	8,283.0	4,695.0	-4,575.7	284.2	4,584.5	0.00	467,407.40	689,437.00

Checked By: _____ Approved By: _____ Date: _____

SDE 19 FED 6H


KB elev = 3588'
KB-Grd = 17.0'
30"
Fill Line
109"
13⅝" x 5000#
46"
21"
13⅝" x 5M
Blind
52 ½ "
19.5"
13⅝" x 5M
4½" Pipe
Mud
Cross
23 ½"
CHECK VALVE
13⅜, 5M
8"
Grd. Elev. = 3571'

Drilling Operations
Choke Manifold
5M Service

Exhibit E-1 – Choke Manifold Diagram

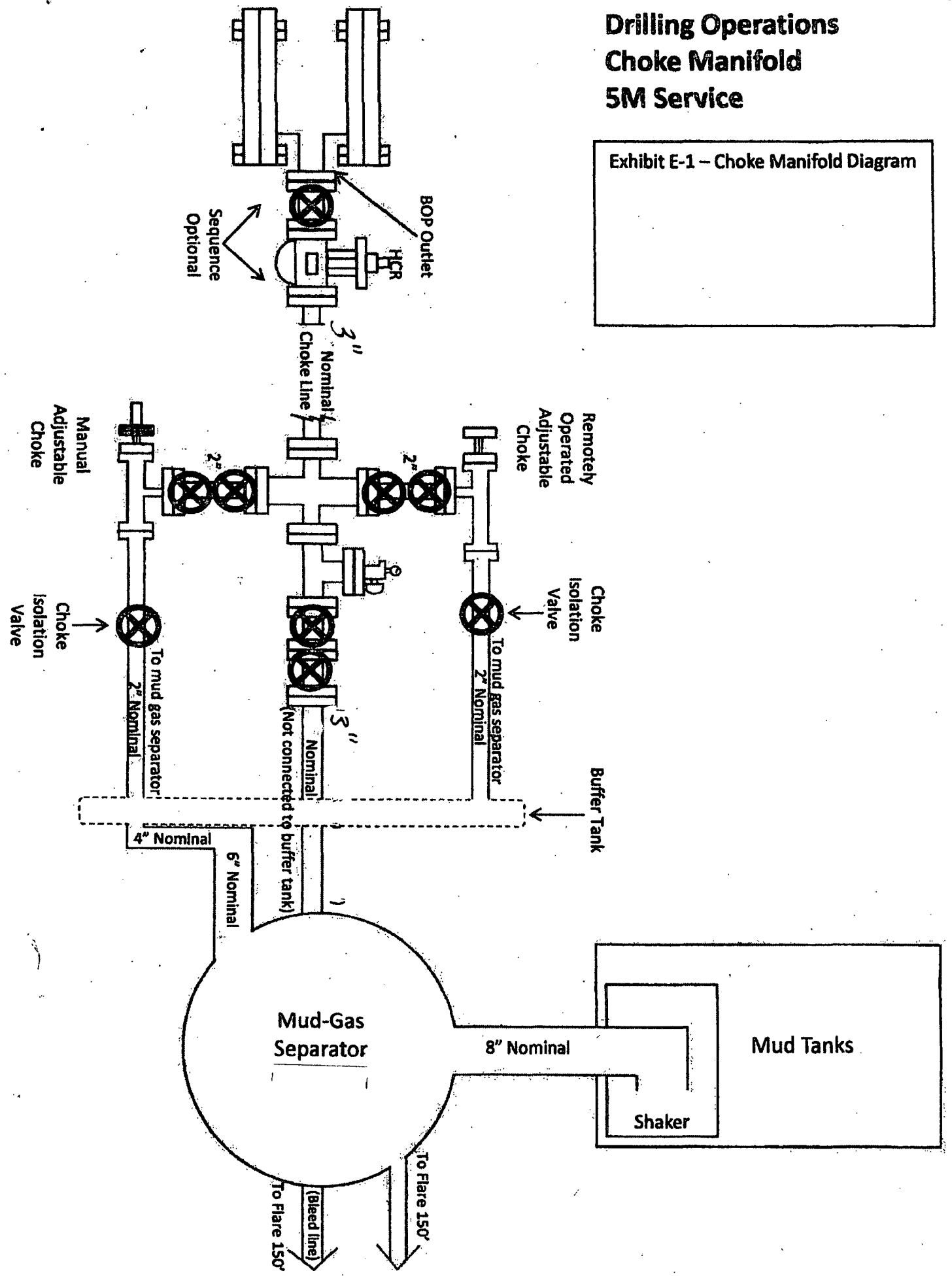
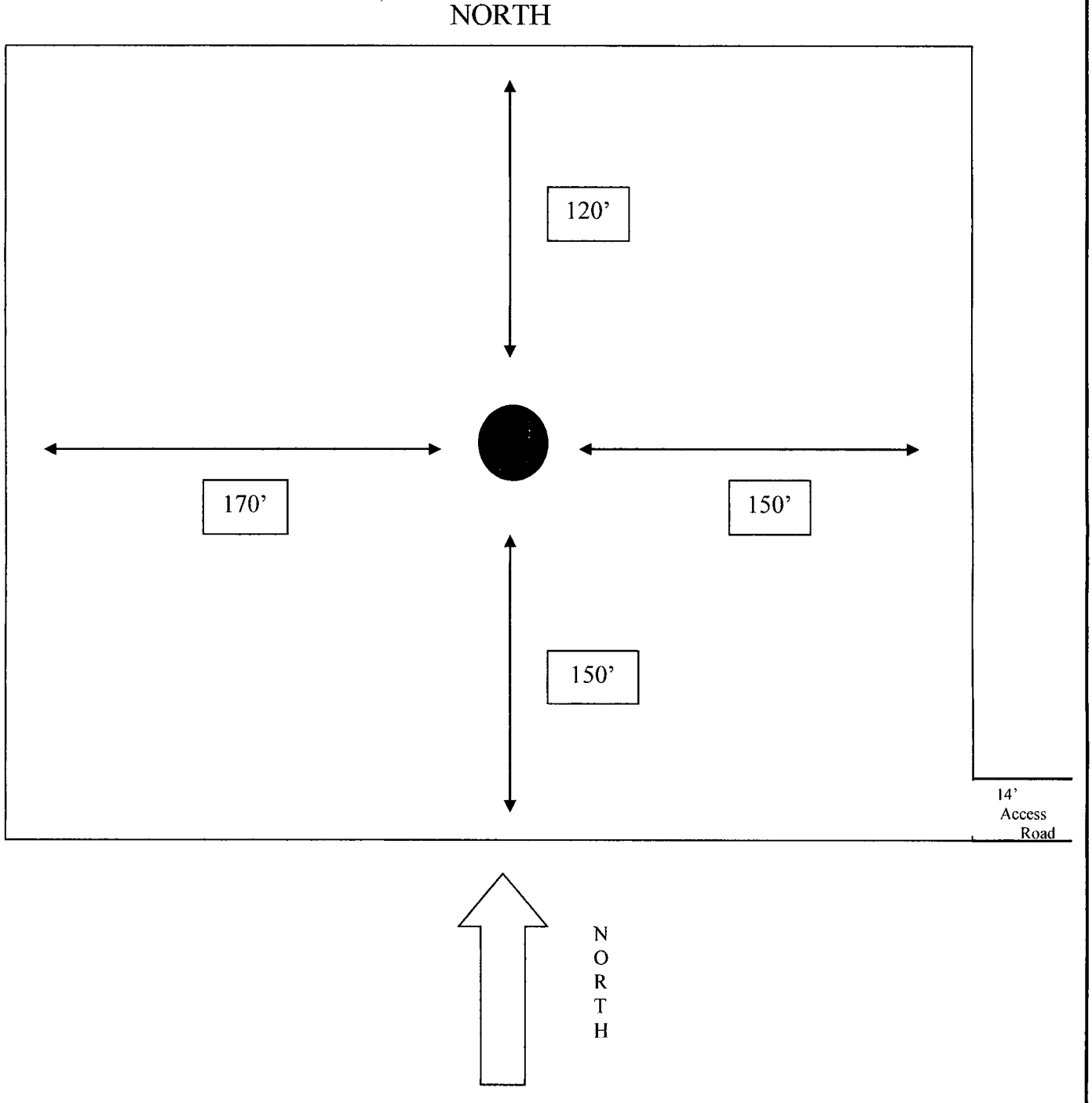
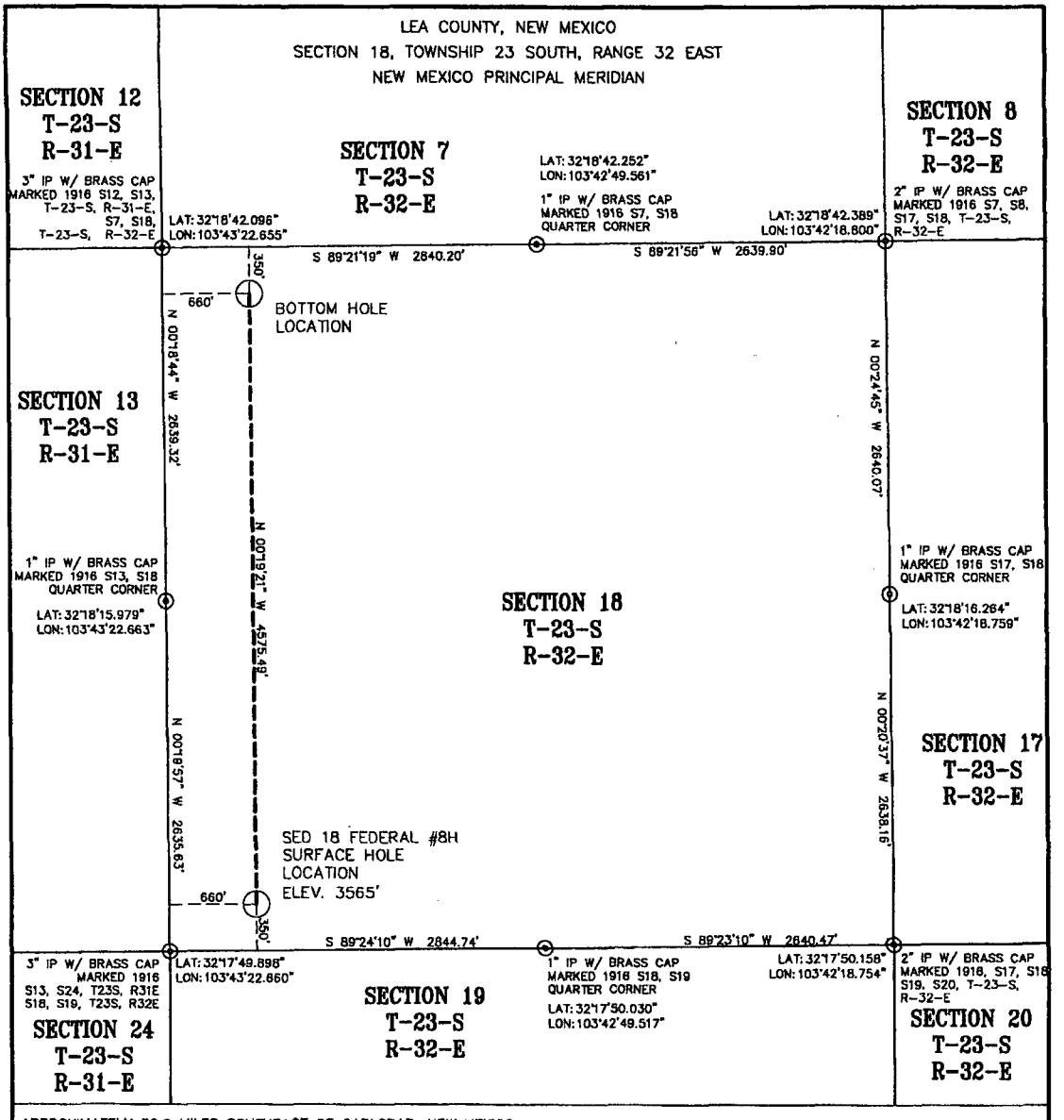


EXHIBIT D

Rig Plat Only
SDE 19 FED 6H
V-DOOR EAST



LEA COUNTY, NEW MEXICO
SECTION 18, TOWNSHIP 23 SOUTH, RANGE 32 EAST
NEW MEXICO PRINCIPAL MERIDIAN



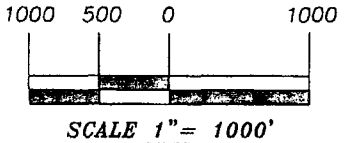
APPROXIMATELY 30.9 MILES SOUTHEAST OF CARLSBAD, NEW MEXICO

SURFACE LOCATION:
NAD 83, NEW MEXICO EAST ZONE COORD'S
OF THE SED 18 FEDERAL #8H: N(Y)= 472745.4', E(X)= 730592.2'.
NAD 27, NEW MEXICO EAST ZONE COORD'S
OF THE SED 18 FEDERAL #8H: N(Y)= 472685.8', E(X)= 689408.9'.
WGS84, LATITUDE & LONGITUDE OF THE SED 18 FEDERAL #8H:
LAT= N 32°17'53.393", LONG= W 103°43'14.971".

BOTTOM HOLE LOCATION:
NAD 83, NEW MEXICO EAST ZONE COORD'S
OF THE SED 18 FEDERAL #8H: N(Y)= 477320.8', E(X)= 730566.5'.
NAD 27, NEW MEXICO EAST ZONE COORD'S
OF THE SED 18 FEDERAL #8H: N(Y)= 477261.1', E(X)= 689383.4'.
WGS84, LATITUDE & LONGITUDE OF THE SED 18 FEDERAL #8H:
LAT= N 32°18'38.669", LONG= W 103°43'14.966".

NOTE: BOTTOM HOLE LOCATION SHOWN HEREON WAS PROVIDED BY XTO ENERGY, INC. SURFACE HOLE LOCATION IS BASED ON A STAKED LOCATION.

LEGEND:
○ WELL
⊙ IRON PIPE FOUND (IP)



SCALE 1"= 1000'
GRID

I hereby certify that the foregoing description and plat attached hereto is a representation of a survey completed on the ground under my supervision and is true and correct to the best of my knowledge and belief.

6/19/12
DATE

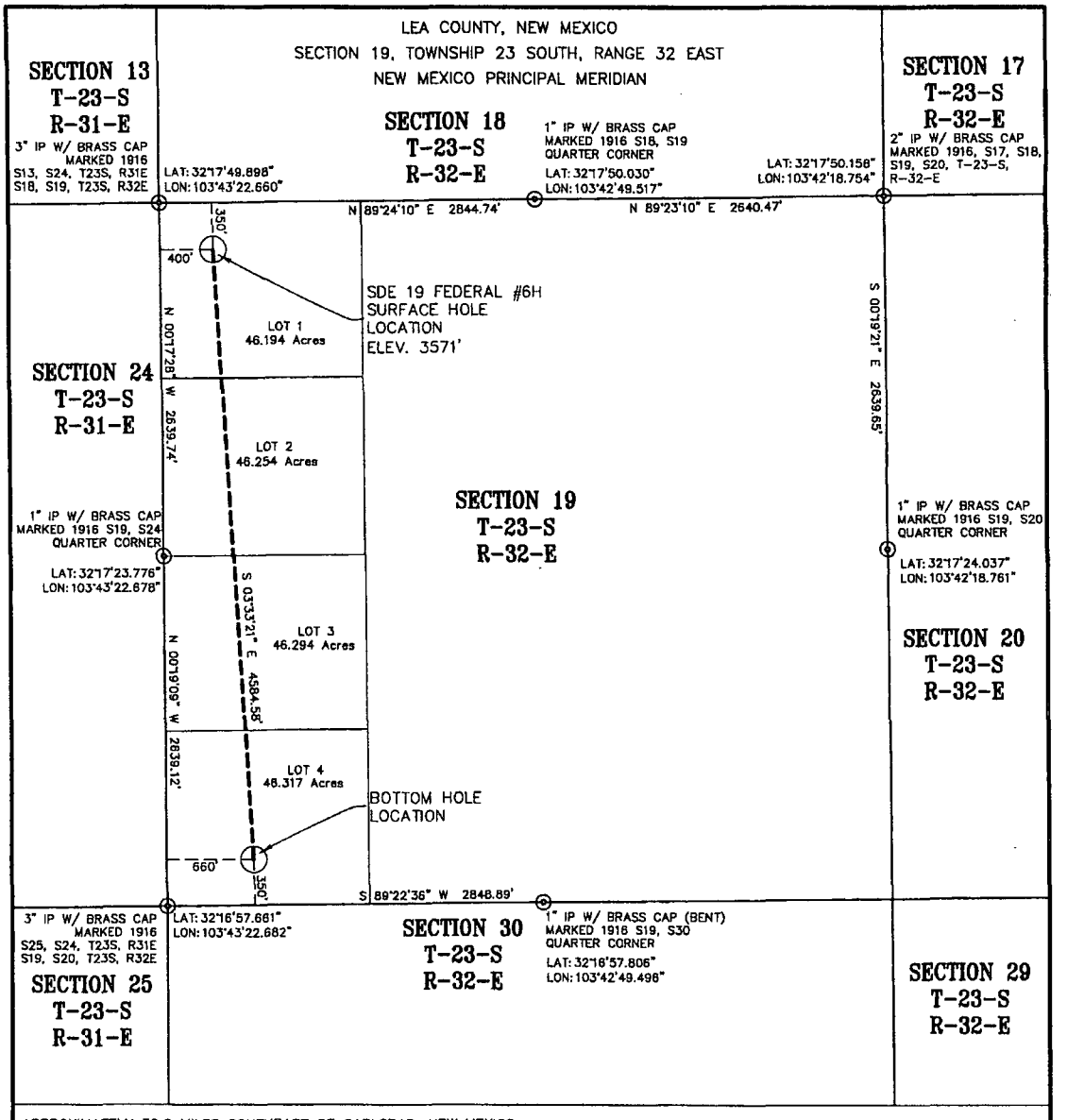
W.O. WATSON, Jr. NEW MEXICO P.L.S. No. 3959

John F. Watson & Company
LAND & DEVELOPMENT SERVICES
PROFESSIONAL LAND SURVEYORS
200 N. Loraine, Suite 220
Midland, Texas 79701
jwatson@windcardwater.com
off. (432) 520-2400
fax. (432) 520-2404
mob. (432) 528-0074
Your Partner for Responsible Development

Watson Professional Group Inc
CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS
P.O. DRAWER 11186
MIDLAND, TEXAS
79702
(432) 520-9200
FAX (432)
520-9212
wdwatson@wpg-us.com

XTO ENERGY, INC.
SDE FEDERAL #8H
660' FWL & 350' FSL
SECTION 18
T-23-S,
R-32-E,
LEA COUNTY,
NEW MEXICO

REV: -
JOB No.: 12-0114
FIELD BOOK: JC 100/32
DRAWN BY: KP
CHK BY: JFW/WP
FILE: S:\2012\FLDS 00\T-23-S, R-32-E LEA Co.
PAGE 1 OF 1



APPROXIMATELY 30.9 MILES SOUTHEAST OF CARLSBAD, NEW MEXICO

SURFACE LOCATION:
NAD 83, NEW MEXICO EAST ZONE COORD'S
OF THE SDE 19 FEDERAL #6H: N(Y)= 472042.6', E(X)= 730336.1'.
NAD 27, NEW MEXICO EAST ZONE COORD'S
OF THE SDE 19 FEDERAL #6H: N(Y)= 471983.1', E(X)= 689152.8'.
WGS84, LATITUDE & LONGITUDE OF THE SDE 19 FEDERAL #6H:
LAT= N 32°17'46.453", LONG= W 103°43'18.001".

BOTTOM HOLE LOCATION:
NAD 83, NEW MEXICO EAST ZONE COORD'S
OF THE SDE 19 FEDERAL #6H: N(Y)= 467466.9', E(X)= 730620.5'.
NAD 27, NEW MEXICO EAST ZONE COORD'S
OF THE SDE 19 FEDERAL #6H: N(Y)= 467407.4', E(X)= 689437.0'.
WGS84, LATITUDE & LONGITUDE OF THE SDE 19 FEDERAL #6H:
LAT= N 32°17'01.158", LONG= W 103°43'14.993".

NOTE: BOTTOM HOLE LOCATION SHOWN HEREON WAS PROVIDED BY XTO ENERGY, INC. SURFACE HOLE LOCATION IS BASED ON A STAKED LOCATION.

LEGEND:
- ○ WELL
- ⊙ IRON PIPE FOUND (IP)

1000 500 0 1000

SCALE 1"= 1000'
GRID

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR STATE OF NEW MEXICO No. 3959 WILSON D. WATSON, JR.

I hereby certify that the foregoing description and plat attached hereto is a representation of a survey completed on the ground under my supervision and is true and correct to the best of my knowledge and belief.

9/18/12
DATE

W.D. WATSON, JR. NEW MEXICO P.L.S. No. 3959

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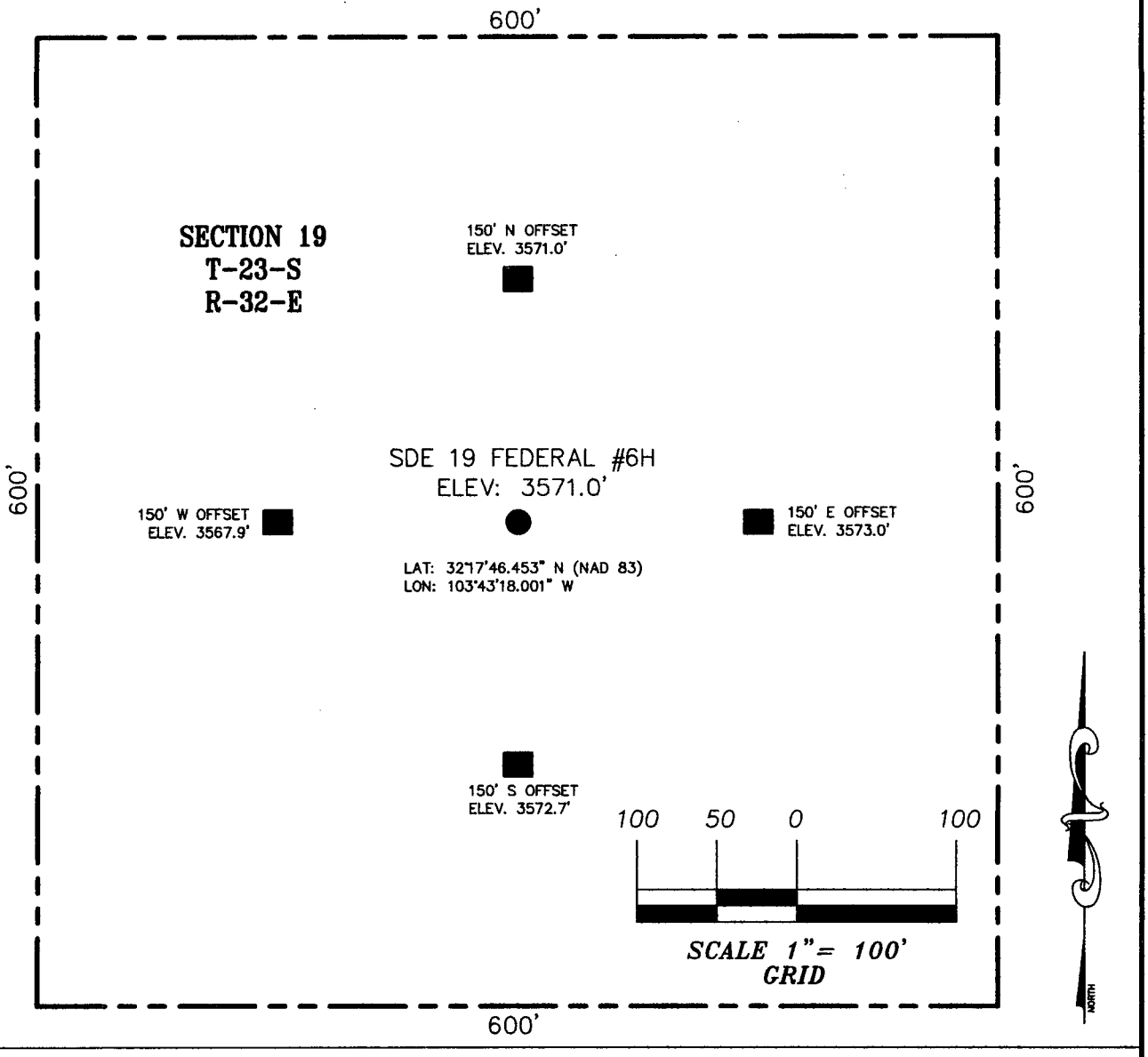
XTO ENERGY, INC.
SDE 19 FEDERAL #6H
400' FWL & 350' FNL
SECTION 19
T-23-S,
R-32-E,
LEA COUNTY,
NEW MEXICO

REV: 09-19-2012
JOB No.: 19-0133
FIELD COORD: JO 110/21
DRAWN BY: 12.19
CHKD BY: JFW/WP
FILE: C:\2012\LEA CO. T-23-S, R-32-E LEA CO.

LEA COUNTY, NEW MEXICO
SECTION 19, TOWNSHIP 23 SOUTH, RANGE 32 EAST
NEW MEXICO PRINCIPAL MERIDIAN



DIRECTIONS TO LOCATION
BEGINNING at the intersection of U.S. Highway 128 (Jal Highway) and a paved road (Red Road),

THENCE North along said paved road a distance of 1.7 miles to a caliche road,

THENCE East along said caliche road a distance of 0.3 mile to a curve in said caliche road,

THENCE Southeast along said caliche road a distance of 0.8 mile to an intersection in said caliche road,

THENCE North along said caliche road a distance of 0.5 mile to a curve in said caliche road,

THENCE Northeast along said caliche road a distance of 0.3 mile to an intersection in said caliche road,

THENCE North along said caliche road a distance of 0.8 mile to a caliche road to a caliche well pad (SDE 19 FEDERAL #5H),

THENCE West along said caliche road and said caliche well pad a distance of 495 feet to the northwest corner of said caliche well pad, SDE 19 FEDERAL #6H is 215 feet Northwest.

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XTO ENERGY, INC.
SDE 19 FEDERAL #6H
400' FWL & 350' FNL
SECTION 19
T-23-S,
R-32-E,
LEA COUNTY,
NEW MEXICO

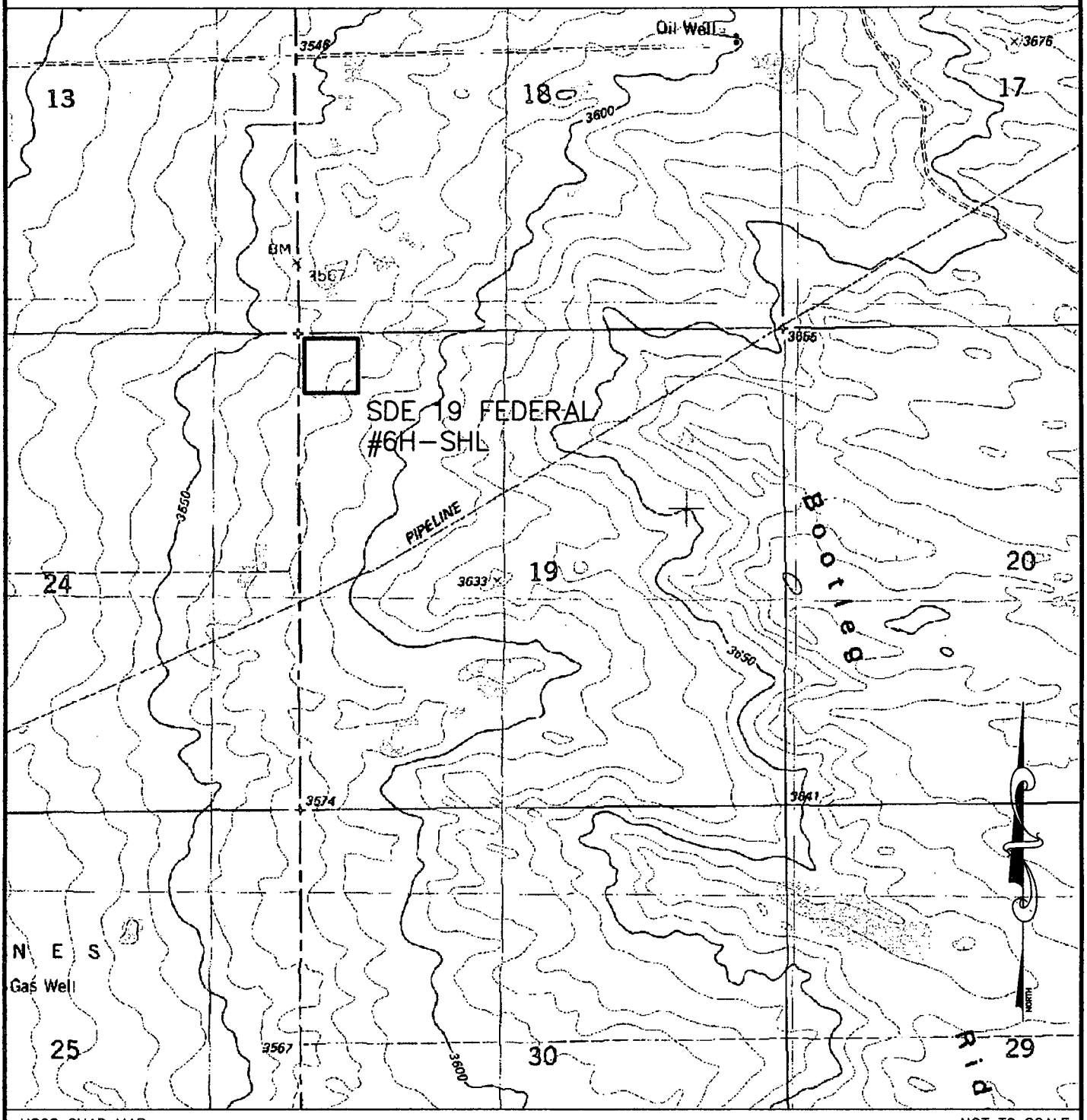
DATE: 05/22/2012
JOB No.: 12-0139
FIELD BOOK: JC 110/21
DRAWN BY: WLW
CKD BY: JFW/WP
FILE: S:\2012\LEA CO.\T-23-S, R-32-E LEA CO.

LOCATION VERIFICATION MAP

LEA COUNTY, NEW MEXICO

SECTION 19, TOWNSHIP 23 SOUTH, RANGE 32 EAST

NEW MEXICO PRINCIPAL MERIDIAN



USGS QUAD MAP:
MALJAMAR

NOT TO SCALE

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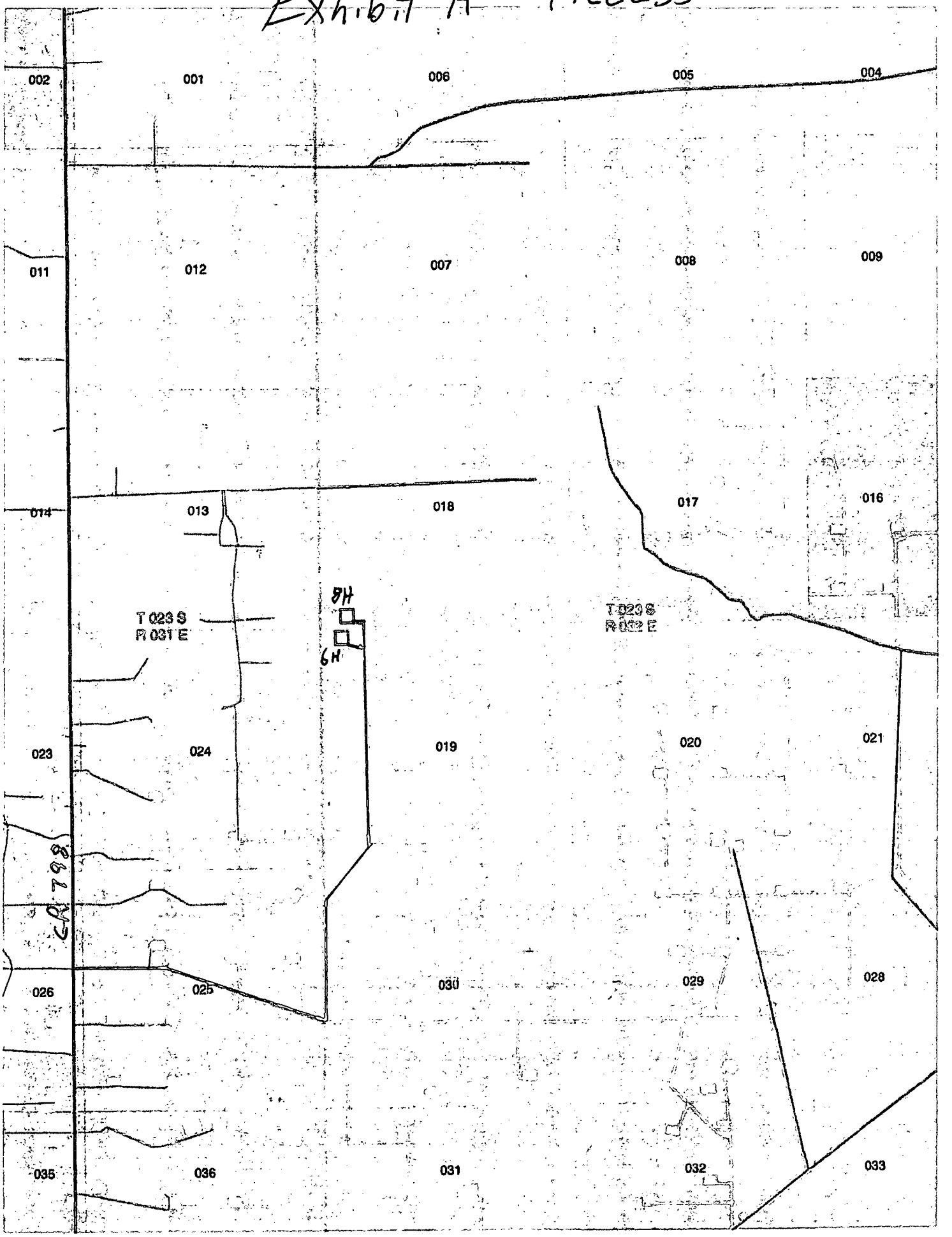
PAGE 1 OF 1

Exhibit A Access



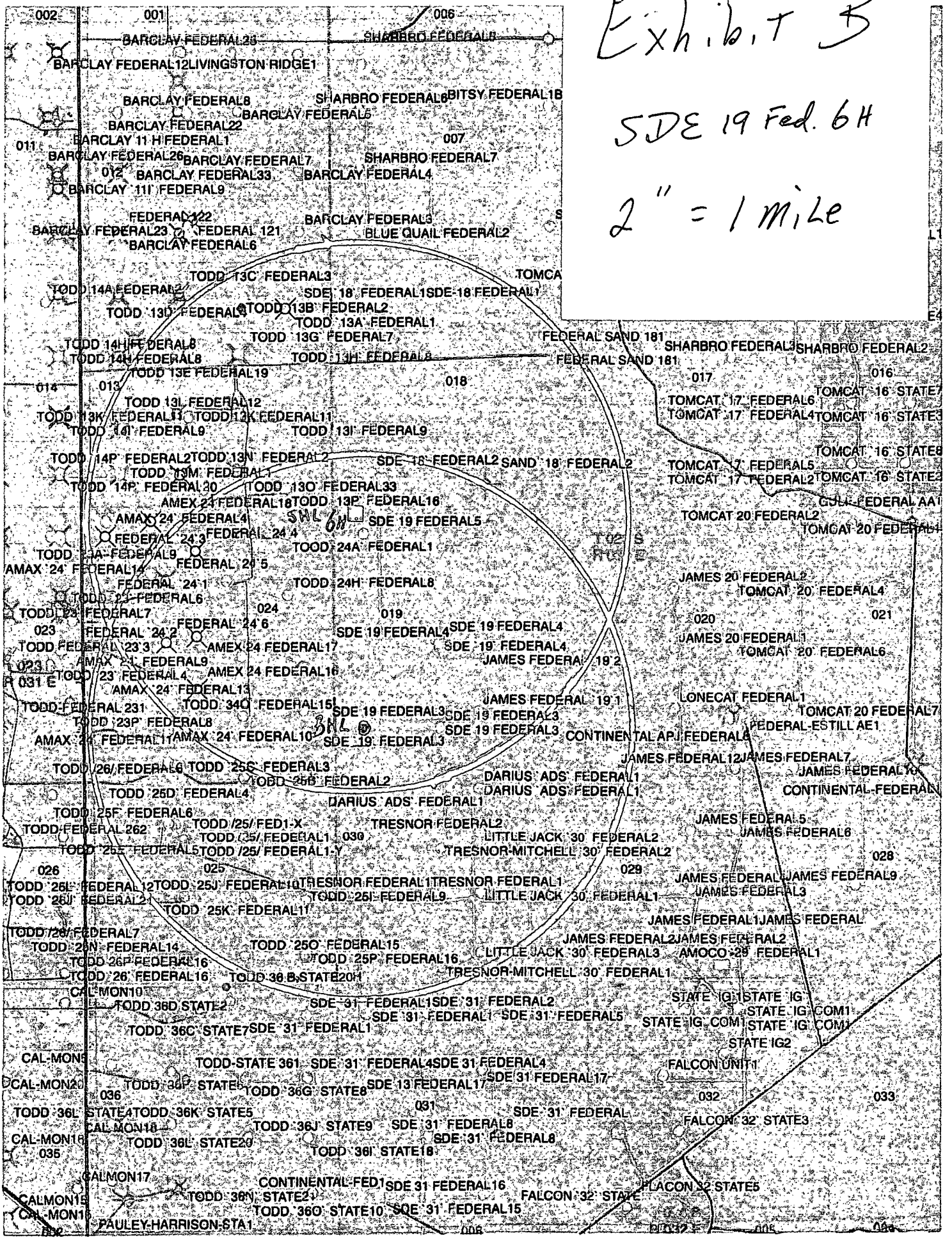


Exhibit B
SDE 19 Fed. 6H
2" = 1 Mile
002
001
006
BARCLAY FEDERAL23
SHARBRO FEDERAL8
BARCLAY FEDERAL12
LIVINGSTON RIDGE1
BARCLAY FEDERAL8
SHARBRO FEDERAL6
BITSY FEDERAL1B
BARCLAY FEDERAL5
BARCLAY FEDERAL22
011
BARCLAY 11 H FEDERAL1
007
BARCLAY FEDERAL26
BARCLAY FEDERAL7
SHARBRO FEDERAL7
012
BARCLAY FEDERAL33
BARCLAY FEDERAL4
BARCLAY 11I FEDERAL9
FEDERAL 122
BARCLAY FEDERAL3
BARCLAY FEDERAL23
FEDERAL 121
BLUE QUAIL FEDERAL2
BARCLAY FEDERAL6
TODD 13C FEDERAL3
TOMCA
TODD 14A FEDERAL2
SDE 18 FEDERAL1
SDE 18 FEDERAL1
TODD 13D FEDERAL4
TODD 13B FEDERAL2
TODD 13A FEDERAL1
TODD 13G FEDERAL7
FEDERAL SAND 181
TODD 14H FEDERAL8
SHARBRO FEDERAL3
SHARBRO FEDERAL2
TODD 14H FEDERAL8
TODD 13H FEDERAL8
FEDERAL SAND 181
TODD 13E FEDERAL19
017
016
014
013
018
TOMCAT 16 STATE7
TODD 13L FEDERAL12
TOMCAT 17 FEDERAL6
TODD 13K FEDERAL11
TODD 13K FEDERAL11
TOMCAT 17 FEDERAL4
TOMCAT 16 STATE3
TODD 14I FEDERAL9
TODD 13I FEDERAL9
TOMCAT 16 STATE8
TODD 14P FEDERAL2
TODD 13N FEDERAL2
SDE 18 FEDERAL2
SAND 18 FEDERAL2
TOMCAT 17 FEDERAL5
TODD 13M FEDERAL1
TOMCAT 17 FEDERAL2
TOMCAT 16 STATE2
TODD 14P FEDERAL30
TODD 13O FEDERAL33
GULF FEDERAL AA1
AMEX 24 FEDERAL18
TODD 13P FEDERAL16
TOMCAT 20 FEDERAL2
AMAX 24 FEDERAL4
SHL 6H
SDE 19 FEDERAL5
TOMCAT 20 FEDERAL1
FEDERAL 24 3
FEDERAL 24 4
TODD 24A FEDERAL1
TODD 13A FEDERAL9
AMAX 24 FEDERAL14
FEDERAL 24 5
JAMES 20 FEDERAL2
FEDERAL 24 1
TOMCAT 20 FEDERAL4
TODD 24H FEDERAL8
TODD 23 FEDERAL6
TODD 23 FEDERAL7
024
019
020
021
FEDERAL 24 6
SDE 19 FEDERAL4
SDE 19 FEDERAL4
023
FEDERAL 24 2
JAMES 20 FEDERAL1
TODD FEDERAL 23 3
AMEX 24 FEDERAL17
SDE 19 FEDERAL4
TOMCAT 20 FEDERAL6
AMAX 24 FEDERAL9
JAMES FEDERAL 19 2
023
TODD 23 FEDERAL4
AMEX 24 FEDERAL16
R 031 E
AMAX 24 FEDERAL13
JAMES FEDERAL 19 1
LONECAT FEDERAL1
TODD FEDERAL 231
TODD 34O FEDERAL15
SDE 19 FEDERAL3
SDE 19 FEDERAL3
TOMCAT 20 FEDERAL7
TODD 23P FEDERAL8
SHL
FEDERAL-ESTILL AE1
AMAX 24 FEDERAL11
AMAX 24 FEDERAL10
SDE 19 FEDERAL3
SDE 19 FEDERAL3
CONTINENTAL AP1 FEDERAL8
JAMES FEDERAL12
JAMES FEDERAL7
TODD 26I FEDERAL6
TODD 25S FEDERAL3
JAMES FEDERAL10
TODD 25G FEDERAL2
DARIUS ADS FEDERAL1
CONTINENTAL-FEDERAL
TODD 25D FEDERAL4
DARIUS ADS FEDERAL1
TODD 25F FEDERAL6
JAMES FEDERAL 5
TODD FEDERAL 262
TODD 25/ FED1-X
TRESNOR FEDERAL2
JAMES FEDERAL6
TODD 35/ FEDERAL1
039
LITTLE JACK 30 FEDERAL2
TODD 25E FEDERAL5
TODD 25/ FEDERAL1-Y
TRESNOR-MITCHELL 30 FEDERAL2
028
026
025
029
TODD 26L FEDERAL12
TODD 25J FEDERAL10
TRESNOR FEDERAL1
TRESNOR FEDERAL1
JAMES FEDERAL
JAMES FEDERAL9
TODD 26J FEDERAL2
TODD 25I FEDERAL9
LITTLE JACK 30 FEDERAL1
JAMES FEDERAL3
TODD 25K FEDERAL11
JAMES FEDERAL1
JAMES FEDERAL
TODD 26I FEDERAL7
JAMES FEDERAL2
JAMES FEDERAL2
TODD 26N FEDERAL14
TODD 25O FEDERAL15
LITTLE JACK 30 FEDERAL3
AMOCO 29 FEDERAL1
TODD 26P FEDERAL16
TODD 25P FEDERAL16
TRESNOR-MITCHELL 30 FEDERAL1
TODD 26 FEDERAL16
TODD 36 B STATE20
CAL-MON10
STATE IG1
STATE IG
TODD 36D STATE2
SDE 31 FEDERAL1
SDE 31 FEDERAL2
STATE IG COM1
STATE IG COM1
SDE 31 FEDERAL1
SDE 31 FEDERAL5
TODD 36C STATE7
SDE 31 FEDERAL1
STATE IG COM1
STATE IG2
CAL-MON5
TODD-STATE 361
SDE 31 FEDERAL4
SDE 31 FEDERAL4
FALCON UNIT1
CAL-MON20
TODD 36F STATE
TODD 36G STATE8
SDE 13 FEDERAL17
SDE 31 FEDERAL17
036
031
032
033
TODD 36L STATE4
TODD 36K STATE5
SDE 31 FEDERAL
CAL-MON18
TODD 36J STATE9
SDE 31 FEDERAL8
FALCON 32 STATE3
CAL-MON16
TODD 36L STATE20
SDE 31 FEDERAL8
035
TODD 36I STATE18
CALMON17
CONTINENTAL-FED1
SDE 31 FEDERAL16
FALCON 32 STATE5
CALMON15
TODD 36N STATE2
FALCON 32 STATE
CAL-MON13
TODD 36O STATE10
SDE 31 FEDERAL15
PAULEY-HARRISON-STA1
008
005